

Monday, October 03, 2016 2:41:26 PM

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DAS
30
9-89

50

DEC 05 2016

Work Order ID 151598

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Item ID: D1038-58B Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Avionics Fastener Rail
 Start Date: 10/4/2016 Start Qty: 50.00 *50* Cust Item ID:
 Required Date: 11/22/2016 Req'd Qty: 50.00 *50* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC5- Inspect part completeness to step on W/O	0.00							
160						(50)	16-12-06		DAS 9 9-89
QC	Memo	0.17							
Quality Control									
165		0.00							
165									
HandFinish		0.17							
Hand Finishing	Memo Clean rail from all marking using acid etch and scotch brite before sending to get anodize								
170	Outsource process-Anodize per QSI017 4.1.10.1	0.00							
170						50	DEC 15 2016		DAS 13 9-89
Outsource4	Memo	1,499.94							
Outsource process - Anodize	Issue P/O: 34644 Black Anodize as per Dwg D1038								

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180	Receive & Inspect for Damage & Mat'l Certs	0.00							
180									
Packaging	Memo	0.17							
Packaging									
190	QC3- Inspect Part Finish	0.00							
190									
QC	Memo	0.08							
Quality Control									
200	Small Fab	0.00							
200									
Small Fab	Memo	0.42							
Small Fab	1-Stake .050 stainless steel wire per Dwg D1038-58 using DT8389 Batch: M128063 2-Grind wire flush and deburr 3-Clean								

50x SP/6-12-22

50 16.12.22 **DAS 9 9-89**

50x **DAS 36 9-89** *17/01/06*

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210 *210* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.17				<u>50</u>			DAS 38 9-89 FEB 10 2017
220 *220* Packaging Packaging	Packaging Memo 1-Pack each fastener rail into a cardboard tube 2-Roll Part in foam . 3-Install red cap at each end and secure with tape. 4-Apply white labels to cardboard tubes 5-Identify and Stock Location: FG120A	0.00 0.00				<u>50X</u>			DAS 27 9-89 FEB 27 2017
230 *230* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.83							DAS 21 9-89 FEB 27 2017 DAS 21 9-89 FEB 27 2017

Picklist Print

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Work Order ID: 151598

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Parent Item: D1038-58B

D1038-58B

Parent Item Name: Avionics Fastener Rail

Start Date: 10/4/2016

Required Date: 11/22/2016

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP: E 03.05.02 Reformat; Added label KJ/RF
IPP Rev:F 06-08-16 Updated Packaging Procedures JLM
IPP Rev:G 08-09-16 Added Folio # JLM Verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2023		Manufactured	No			110	f	4,037.000	1.903	95.15	DAS 44 9-89	16-10-14	
D2023									**				
Extrusion, Fastener Rail													

Location

Loc Qty

Loc Code

FG109

1892

140800

1892

MAT051

2145

140800

2145

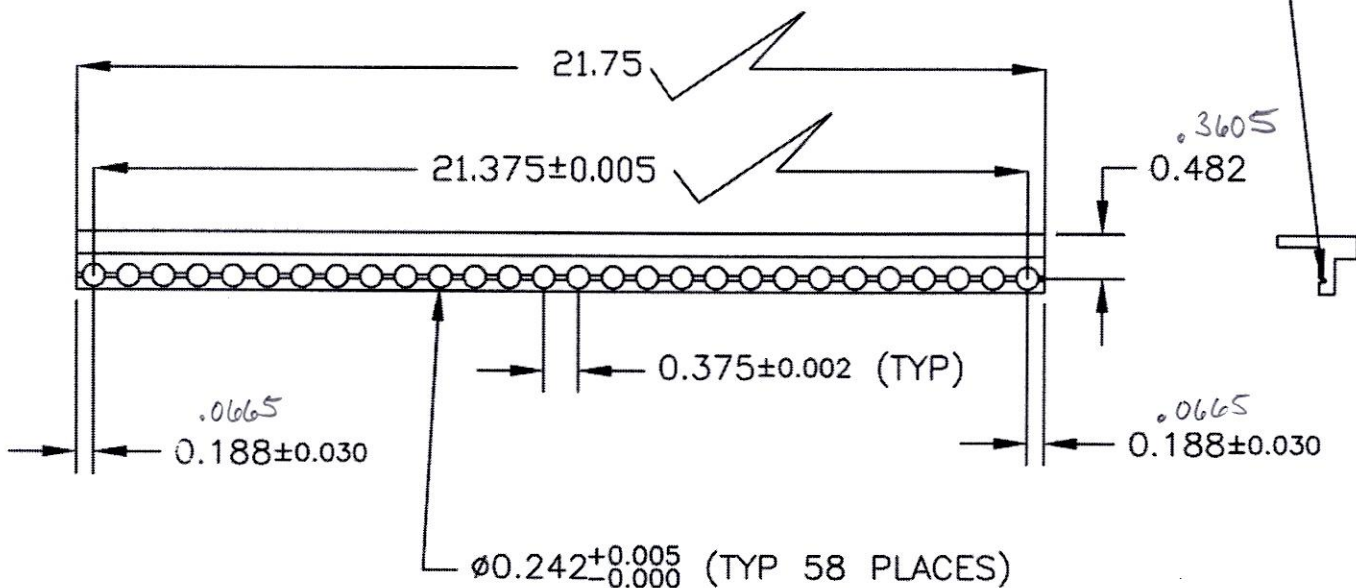
91.66

DART

05.03.31

05.03.31

STAKE Ø0.50 TYPE 302 STAINLESS
STEEL WIRE FULL LENGTH
(REF DART SPEC M302SW.050) —



D1038-58 1/4 TURN FASTENER RAIL

- 1) MAKE FROM D2023 EXTRUSION
2) FINISH: D1038-58 - NONE
D1038-58B - ANODIZE BLACK PER DART QSI 017 4.1.10
3) ALL DIMENSIONS ARE IN INCHES
4) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 151598

dm 16/10/03

DESIGN	DRAWN BY	DART AEROSPACE LTD HAMKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. B
DATE		D1038	SHEET 1 OF 1
05.02.02		TITLE	SCALE
		1/4 TURN FASTENER RAIL	NTS
	91.05.05	NEW ISSUE	
A	04.05.14	UPDATE TOLERANCE	
B	05.02.02	REDRAWN, UPDATE NOTES	

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34644**

Purchase Order Date 12/15/2016

PO Print Date 12/21/2016

Page Number 6 of 7

Order From : VC-ATG001
A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613-446-4544	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

15	154270	644.4112 SPACER REV. F2	12/22/2016	14.00	\$4.95	\$69.30
			Yes			
			12/22/2016			
		FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE 3 CLASS 2, COLOR BLACK				

Line Total: \$69.30

16	151598	D1038-58B RAIL REV. B	12/22/2016	50.00	\$3.25	\$162.50
			Yes			
			12/22/2016			
		FINISH: Anodize per MIL-A-8625F Type I or IB or IC or II or IIB Class 2, Type III Class 2 COLOR BLACK				

Line Total: \$162.50

17	154100	D5046-041 CO-PILOT REV. B	12/22/2016	2.00	\$6.25	\$12.50
			Yes			
			12/22/2016			
		FINISH: Anodize per MIL-A-8625F Type I or IB or IC or II or IIB Class 2, Type III Class 2 COLOR BLACK				

Line Total: \$12.50

PO Instructions: PRIMER IS SUPPLIED BY DART

Note:

12/21/2016



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912727

Date: 20-Dec-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.		
7 ea	Part: 644.4122 Bushing Hard Black Anodize per MIL-A-8625F, Type III, Class 2 Job: 20512	Rev: F2 PO: PO34644	Line: 11
7 ea	Part: 644.4120 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2 Job: 20513	Rev: F2 PO: PO34644	Line: 12
14 ea	Part: 644.4119 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2 Job: 20514	Rev: F2 PO: PO34644	Line: 13
14 ea	Part: 644.4113 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2 Job: 20515	Rev: F2 PO: PO34644	Line: 14
14 ea	Part: 644.4112 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2 Job: 20516	Rev: F2 PO: PO34644	Line: 15
50 ea	Part: D1038-58B Rail Black Anodize per MIL-A-8625F, Type II, Class 2 Job: 20517	Rev: B PO: PO34644	Line: 16
2	Part: D5046-041	Rev: B	



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912727

Date: 20-Dec-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
ea	Co-pilot Black Anodize per MIL-A-8625F, Type II, Class 2 Job: 20518 PO: PO34644 Line: 17		
DATE: 20/12/16			
CERTIFIED SIGNATURE: [Signature]			
RECEIVER SIGNATURE: [Signature]			
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. CERTIFICATE OF CONFORMANCE A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT CONFORM TO REQUIREMENTS. MADE IN CANADA.			